Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2)) and mode near3 lock\$3 Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 (chang\$3)) same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 Same (mirror\$1 or lens\$2 or (output near3 l	
2 606 laser near3 diode and align\$4 and (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2)) and mode near3 lock\$3 EPO_IPO_DERWENT US_PG_PUB_EPO_IPO_DERWENT US_PG_PUB_EPO_IPO_IPO_DERWENT US_PG_PUB_EPO_IPO_IPO_IPO_IPO_IPO_IPO_IPO_IPO_IPO_I	∠ı ı∀:3U
2	
lens\$2 or (output near3 coupl\$2)) and mode near3 lock\$3	21 18:35
1	
1 1 1 1 1 1 1 1 1 1	
1 1 2004/10 2004/1	
4 with (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupi\$2))) US-PGPUB; EPO; JPO; DERWENT 4 laser near3 diode and ((align\$4 near3 (variat\$3 or perturb\$6)) same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupi\$2))) and mode near3 lock\$3 2004/10 5 4 laser near3 diode and ((align\$4 near3 (chang\$3)) same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupi\$2))) and mode near3 lock\$3 2004/10 6 18 laser near3 diode and ((align\$4 near3 (chang\$3)) and (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupi\$2))) and mode near3 lock\$3 US-PGPUB; EPO; JPO; DERWENT 2004/10 7 0 (mode near3 locking near3 laser) with misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 8 4 (mode near3 locking) with misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 9 21 (mode near3 locking) SAME misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 10 17 ((mode near3 locking) SAME misalign\$4) not ((mode near3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; U	04 40 00
and mode near3 lock\$3 laser near3 diode and ((align\$4 near3 (variat\$3 or perturb\$6)) same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2)) and mode near3 lock\$3 laser near3 diode and ((align\$4 near3 (chang\$3)) same (mirror\$1 USPAT; USPAEWENT or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 laser near3 diode and ((align\$4 near3 (chang\$3)) same (mirror\$1 USPAT; USPAEWENT USPAT; USPAEWENT or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 laser near3 diode and ((align\$4 near3 (chang\$3)) and (mirror\$1 USPAT; USPAEWENT USPAEWENT USPAT; USPAEWENT USPAT; USPAEWENT USPAT; USPAEWENT USPAT; USPAEWENT USPAE	21 18:39
4 laser near3 diode and ((align\$4 near3 (variat\$3 or perturb\$6))	
4 laser near3 diode and ((align\$4 near3 (variat\$3 or perturb\$6)) same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; and mode near3 lock\$3 laser near3 diode and ((align\$4 near3 (chang\$3)) same (mirror\$1 uS-PAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB;	
Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERW	
Same (mirror\$1 or reflector\$1 or lens\$2 or (output near3 US-PGPUB; EPO; JPO; DC; DCRWENT USPAT; US-PGPUB; EPO; JPO;	21 18:40
Coupl\$2))) and mode near3 lock\$3	
1	
1	
or reflector\$1 or lens\$2 or (output near3 coup)\$2))) and mode near3 lock\$3 18	21 18:43
18 laser near3 diode and ((align\$4 near3 (chang\$3)) and (mirror\$1 USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB	21 10.40
18 laser near3 diode and ((align\$4 near3 (chang\$3)) and (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 2004/10	
18 laser near3 diode and ((align\$4 near3 (chang\$3)) and (mirror\$1 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 2004/10 USPAT; USPGPUB; EPC; JPC; DERWENT USPAT; USPAT; USPGPUB; EPC; JPC; DERWENT USPAT; USPAT; USPGPUB; EPC; JPC; DERWENT USPAT; USP	
or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 or reflector\$1 or lens\$2 or (output near3 coupl\$2))) and mode near3 lock\$3 (mode near3 locking near3 laser) with misalign\$4 (mode near3 locking) with misalign\$4 (mode near3 locking) with misalign\$4 (mode near3 locking) SAME misalign\$4 (mode near3 locking) SAME misalign\$4 ((mode near3 locking) SAME misalign\$4) not ((mode near3 locking) with misalign\$4) ((mode near3 locking) SAME misalign\$4) not ((mode near3 locking) with misalign\$4) ((mode near3 locking) SAME misalign\$4) not ((mode near3 locking) SPAT; US-PGPUB; EPO; JPO; DERWENT	04.40.47
17 18 19 19 19 19 19 19 19	21 18:47
The state of the	
7 0 (mode near3 locking near3 laser) with misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 8 4 (mode near3 locking) with misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 9 21 (mode near3 locking) SAME misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 10 17 ((mode near3 locking) SAME misalign\$4) not ((mode near3 locking) with misalign\$4) USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 11 0 kIm near3 laser near3 diode USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 12 8 kerr near6 laser near3 diode USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 14 3 (kerr with laser near3 diode) and mode near3 lock\$3 USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10 13 39 kerr with laser near3 diode USPAT; US-PGPUB; EPO; JPO; DERWENT 2004/10	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO;	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO;	21 18:49
8 4 (mode near3 locking) with misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT US-	
8	
8	
9 21 (mode near3 locking) SAME misalign\$4 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US	21 18:50
PO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWE	21 10.50
9 21 (mode near3 locking) SAME misalign\$4	
9 21 (mode near3 locking) SAME misalign\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB;	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB;	
10	21 18:50
17 ((mode near3 locking) SAME misalign\$4) not ((mode near3 locking) with misalign\$4) 11 ((mode near3 locking) SAME misalign\$4) not ((mode near3 locking) with misalign\$4) 11 (locking) with misalign\$4) 12 klm near3 laser near3 diode 13 kerr near6 laser near3 diode 15 locking) with misalign\$4) not ((mode near3 locking) perwise points per	
10 17 ((mode near3 locking) SAME misalign\$4) not ((mode near3 USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JP	
locking) with misalign\$4) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	
locking) with misalign\$4) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	21 18:59
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10	
11 0 klm near3 laser near3 diode	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10	21 18:59
8 kerr near6 laser near3 diode 12 8 kerr near6 laser near3 diode 14 3 (kerr with laser near3 diode) and mode near3 lock\$3 15 (kerr with laser near3 diode) and mode near3 lock\$3 16 (kerr with laser near3 diode) and mode near3 lock\$3 17 (kerr with laser near3 diode) and mode near3 lock\$3 18 (kerr with laser near3 diode) and mode near3 lock\$3 19 (kerr with laser near3 diode) and mode near3 lock\$3	
8 kerr near6 laser near3 diode 8 kerr near6 laser near3 diode 12	
8 kerr near6 laser near3 diode USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10	
US-PGPUB; EPO; JPO; DERWENT 14 3 (kerr with laser near3 diode) and mode near3 lock\$3 US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT 13 39 kerr with laser near3 diode USPAT; 2004/10	24 40.02
EPO; JPO; DERWENT 14 3 (kerr with laser near3 diode) and mode near3 lock\$3 USPAT; US-PGPUB; EPO; JPO; DERWENT 13 39 kerr with laser near3 diode USPAT; 2004/10	21 19.02
14 3 (kerr with laser near3 diode) and mode near3 lock\$3 DERWENT USPAT; 2004/10 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10 USPAT; 2004	
14 3 (kerr with laser near3 diode) and mode near3 lock\$3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10	
US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10	
EPO; JPO; DERWENT USPAT; 2004/10	21 19:02
DERWENT 13 39 kerr with laser near3 diode USPAT; 2004/10	
13 39 kerr with laser near3 diode USPAT; 2004/10	
13 39 kerr with laser near3 diode USPAT; 2004/10	
	21 19:10
EPO; JPO;	
DERWENT	
	21 19:10
US-PGPUB;	
EPO; JPO;	
DERWENT	04 40 40
	21 19:10
and 372/\$.ccls.	
EPO; JPO;	
DERWENT	
17 0 ("thirdnear3ordernear3opticalnear3medium").PN. USPAT; 2004/10	21 19:19
US-PGPUB	

				,
18	112	third near3 order near3 optical near3 medium	USPAT;	2004/10/21 19:20
			US-PGPUB;	
			EPO; JPO;	
40	4-	(0.1.1.	DERWENT	0004/40/04 40:00
19	17	(third near3 order near3 optical near3 medium) with laser near3	USPAT;	2004/10/21 19:20
		diode	US-PGPUB;	
			EPO; JPO; DERWENT	
24	1254	self near3 phase near3 modulat\$3	USPAT;	2004/10/21 19:30
24	1254	Sell flears phase flears filodulatos	US-PGPUB;	2004/10/21 19.50
			EPO; JPO;	
			DERWENT	
25	62	self near3 phase near3 modulat\$3 same mode near3 lock\$3	USPAT;	2004/10/21 19:31
-0	"	our nouro pridoc ricuro ricurativo darrio ricuro ricuro ricuro	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
26	29	(self near3 phase near3 modulat\$3 same mode near3 lock\$3)	USPAT;	2004/10/21 19:40
		and laser near3 diode	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
27	661	dfb near3 laser near3 diode	USPAT;	2004/10/21 19:40
			US-PGPUB;	
			EPO; JPO;	
20	15	(dfb near3 laser near3 diode) same mode near3 lock\$3	DERWENT USPAT;	2004/10/21 19:42
28	15	(dib fieals laser flears diode) same filode flears lockys	US-PGPUB;	2004/10/21 19.42
			EPO; JPO;	
			DERWENT	
29	58	(dfb near3 laser near3 diode) and mode near3 lock\$3	USPAT;	2004/10/21 19:43
		,,,	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
30	18	((dfb near3 laser near3 diode) and mode near3 lock\$3) and ring	USPAT;	2004/10/21 19:44
			US-PGPUB;	
			EPO; JPO;	
33	54	((dfb near3 laser near3 diode) and mode near3 lock\$3) and	DERWENT USPAT;	2004/10/21 19:45
33] 34	(mirror\$1 or reflect\$3 or lens\$2 or outcoupler or (output near3	US-PGPUB;	2004/10/21 19.45
		coupler))	EPO; JPO;	
			DERWENT	
34	37	(((dfb near3 laser near3 diode) and mode near3 lock\$3) and	USPAT;	2004/10/21 19:45
		(mirror\$1 or reflect\$3 or lens\$2 or outcoupler or (output near3	US-PGPUB;	
		coupler))) not (((dfb near3 laser near3 diode) and mode near3	EPO; JPO;	
		lock\$3) and ring)	DERWENT	
-	2609	semiconductor near laser near diode	USPAT;	2004/10/20 10:35
	2004	a comisson du atou a di la cou a di dia da	US-PGPUB	2002/40/40 40:47
-	2084	semiconductor adj laser adj diode	USPAT; US-PGPUB	2002/10/19 18:17
_	95	(semiconductor adj laser adj diode) and mode near lock\$3	USPAT:	2002/10/19 18:18
-	35	(confidential adjudaci adjudacj and mode fical locky)	US-PGPUB	2302/10/13 10:10
-	51	((semiconductor adj laser adj diode) and mode near lock\$3) and	USPAT;	2002/10/19 18:18
		passive\$3	US-PGPUB	
-	20	((semiconductor adj laser adj diode) and mode near lock\$3) and	USPAT;	2002/10/19 18:19
		passive\$3 near mode near lock\$3	US-PGPUB	
-	20	(semiconductor adj laser adj diode) and (passive\$3 near mode	USPAT;	2002/10/19 18:19
	100	near lock\$3)	US-PGPUB	000040404040
-	160	(counterpropagating near (waves or pulses))	USPAT; US-PGPUB	2002/10/19 18:41
1.	10	((counterpropagating near (waves or pulses))) and (passive\$3	USPAT;	2002/10/19 18:47
	10	near mode near lock\$3)	US-PGPUB	2002/10/13 10:4/
-	1	(((counterpropagating near (waves or pulses))) and (passive\$3	USPAT;	2002/10/19 18:44
		near mode near lock\$3)) and (semiconductor near laser near	US-PGPUB	
		diode)		
-	5	(((counterpropagating near (waves or pulses))) and (passive\$3	USPAT;	2002/10/19 18:44
		near mode near lock\$3)) and (laser near diode)	US-PGPUB	
-	130	(laser near diode) and (passive\$3 near mode near lock\$3)	USPAT;	2002/10/19 18:56
L	<u> </u>		US-PGPUB	

-	49	((laser near diode) and (passive\$3 near mode near lock\$3)) not (saturable adj absorber)	USPAT; US-PGPUB	2002/10/19 18:49
-	16	(((laser near diode) and (passive\$3 near mode near lock\$3)) not (saturable adj absorber)) and (align\$4 or misalign\$4)	USPAT; US-PGPUB	2002/10/19 18:50
-	10	misalign\$4 and (passive\$3 near mode near lock\$3)	USPAT;	2002/10/19 18:56
-	0	misalign\$4 near (passive\$3 near mode near lock\$3)	US-PGPUB USPAT;	2002/10/19 19:00
-	76	self near mode near lock\$3	US-PGPUB USPAT;	2002/10/19 19:30
-	0	((self near mode near lock\$3) and (laser near diode)) and	US-PGPUB USPAT;	2002/10/19 19:02
_	5	realign\$4 ((self near mode near lock\$3) and (laser near diode)) and	US-PGPUB USPAT;	2002/10/19 19:02
_	25	misalign\$4 (self near mode near lock\$3) and (laser near diode)	US-PGPUB USPAT;	2002/10/19 19:06
-			US-PGPUB	2002/10/19 19:30
-	18	((self near mode near lock\$3) and (laser near diode)) not (saturable adj absorber)	USPAT; US-PGPUB	
-	5	(self near mode near lock\$3) and ring near cavity	USPAT; US-PGPUB	2002/10/19 19:31
-	185	(laser near diode) and (ring near cavity)	USPAT; US-PGPUB	2002/10/19 19:32
-	62	((laser near diode) and (ring near cavity)) and (mode near lock\$3)	USPAT; US-PGPUB	2002/10/19 19:39
-	37	((((laser near diode) and (ring near cavity)) and (mode near lock\$3)) and (self or passive\$3)	USPAT; US-PGPUB	2002/10/19 19:33
-	22	((((laser near diode) and (ring near cavity)) and (mode near lock\$3)) and (self or passive\$3)) not (saturable adj absorber)	USPAT; US-PGPUB	2002/10/19 19:33
-	1	((laser near diode) and (ring near cavity)) and (self near mode	USPAT;	2002/10/19 19:45
_	2084	near lock\$3) semiconductor adj laser adj diode	US-PGPUB USPAT;	2002/10/19 19:46
_	18	(semiconductor adj laser adj diode) and 372/94.ccls.	US-PGPUB USPAT;	2002/10/19 19:51
-	1	((semiconductor adj laser adj diode) and 372/94.ccls.) and	US-PGPUB USPAT;	2002/10/19 19:48
_	0	(passive\$3 near mode near lock\$3) ((semiconductor adj laser adj diode) and 372/94.ccls.) and (self	US-PGPUB USPAT;	2002/10/19 19:48
_	6	near mode near lock\$3) ((semiconductor adj laser adj diode) and 372/94.ccls.) and (mode	US-PGPUB USPAT;	2002/10/19 19:48
	99	near lock\$3) laser adj diode and 372/94.ccls.	US-PGPUB USPAT;	2002/10/19 19:52
-			US-PGPUB	
-	1	(laser adj diode and 372/94.ccls.) and self adj mode adj locking	USPAT; US-PGPUB	2002/10/19 19:52
-	6	(laser adj diode and 372/94.ccls.) and passive adj mode adj locking	USPAT; US-PGPUB	2002/10/19 19:55
-	50	(semiconductor adj laser adj diode) and ((ring near cavity) or (ring near laser))	USPAT; US-PGPUB	2002/10/19 19:56
-	1	((semiconductor adj laser adj diode) and ((ring near cavity) or (ring near laser))) and ((self adj mode adj lock\$3) or (passive adj	USPAT; US-PGPUB	2002/10/19 19:57
-	5141	mode adj lock\$3)) semiconductor near laser near diode	USPAT;	2003/07/27 12:53
			US-PGPUB; EPO; JPO;	
_	28	(semiconductor near laser near diode) and passive\$3 near3	DERWENT USPAT;	2003/07/27 13:14
		mode near3 lock\$3	US-PGPUB; EPO; JPO;	
-	23	((semiconductor near laser near diode) and passive\$3 near3	DERWENT USPAT;	2003/07/27 12:55
		mode near3 lock\$3) and method	US-PGPUB; EPO; JPO;	
	17	(semiconductor near laser near diode) and passive\$3 near3	DERWENT USPAT;	2003/07/27 13:14
	''	resonator	US-PGPUB; EPO; JPO;	2000/01/21 13.14
			DERWENT	

Personator) and mode near3 lock\$3					
B	-	6	((semiconductor near laser near diode) and passive\$3 near3 resonator) and mode near3 lock\$3	US-PGPUB;	2003/07/27 13:25
8				EPO; JPO;	
or misalign\$4) or misalign\$4) or misalign\$4) ((passive near3 resonat\$3) and mode near3 lock\$3) and mirror\$1 near3 (adjust\$4 or rotat\$4) **9021140" PN. **1 **902117" PN. **1 **1590211" PN. **1 **15902011" PN. **1 **159060" PN. **	!			DERWENT	
Company Comp	-	8	((passive near3 resonat\$3) and mode near3 lock\$3) and (align\$4		2003/07/27 13:32
CERWENT Continue CERWENT Continue CERWENT Continue Cerwent C	1			US-PGPUB;	
CERWENT Continue CERWENT Continue CERWENT Continue Cerwent C	}			EPO; JPO;	
near3 (adjust\$4 or rotat\$4)					
near3 (adjust\$4 or rotat\$4)	-	6	((passive near3 resonat\$3) and mode near3 lock\$3) and mirror\$1	USPAT:	2003/07/27 13:33
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1 "6021140"-PN USPAT USPAT 2003/07/27 13-43 2003/07/27 13-45 2003/07/27 13-55 2003/07/27 13-					
1	_	1	"6021140".PN	1	2003/07/27 13:43
1	-	_			2003/07/27 13:44
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1 "\$278852" PN.	_	-			
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33					
US-PGPUB; PD: JPC; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT;	-			ł	
252 semiconductor near3 ring near3 laser	-	33	(passive nears resonates) and mode nears lookes		2000/01/21 14.02
DERWENT US-PG-PUB; PO: JPO: DERWENT US-PAT; US-PG-PUB; PO: JPO: DERWENT US-PG-PUB; PO: JPO: DERWEN					
252 semiconductor near3 ring near3 laser					
US-PGPUB; EPC; JPC; DERWENT USPAT; US-PGPUB; EPC; JPC; DERWENT US-PGPUB; EPC; JPC; JPC; JPC; JPC; JPC; JPC; JPC; J		252	comiconductor poor? ring poor? locar	ł .	2003/07/27 13:53
- 4 (semiconductor near3 ring near3 laser) and (passive\$3 near3	-	252	semiconductor hears mig hears laser		2003/01/21 13.33
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mode near3 lock\$3 US-PGPUB; EPC; JPO; DERWENT uspAT; esonat\$3) and mode near3 laser) and passive near3 US-PGPUB; EPC; JPO; DERWENT uspAT; esonat\$3 uspaT; esonat\$3 uspaT; uspaT; uspAT; uspGPUB; EPC; JPO; DERWENT uspAT; uspGPUB; EPC; JPO; DERWENT uspAT; uspGPUB; EPC; JPO; DERWENT uspAT; uspAT; uspAT; uspAT; uspGPUB; EPC; JPO; DERWENT uspAT; uspAT; uspGPUB; EPC; JPO; DERWENT uspAT; uspGPUB; EPC; JPO; DER		4	(2002/07/27 42-55
1	-	4			2003/07/27 13:55
1			mode near3 lock\$3)		
-	1				
resonat\$3) and mode near3 lock\$3 - 23 (semiconductor near3 ring near3 laser) and passive near3 resonat\$3 resonat\$3) and ((frequency or mode) near3 lock\$3) - 102 (passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3) - 100011 semiconductor near5 laser - 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198") PN. - 1 ("5383198") PN. - 1 (("5383198") PN. - 1 ("5383198") PN. - 1 (("5383198") PN. - 1 ("5383198") PN. - 2 ("				i	0000/07/07 40 55
- 23 (semiconductor near3 ring near3 laser) and passive near3 resonat\$3 - 102 (passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3) - 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198") PN. - 1 1 ("5383198") PN. - 1 2 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 1 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 2003/07/27 14:04 2003/07/27 14:04 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:10 2003/07/27 14:10 2003/07/27 14:10 2003/07/27 14:15 2003/07/27 14:15 2003/07/27 14:15 2003/07/27 14:29 2003/07/27 14:29 2003/07/27 14:29 2003/07/27 14:34	-	1			2003/07/27 13:55
- 23 (semiconductor near3 ring near3 laser) and passive near3 resonat\$3 - 102 (passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3) - 100011 semiconductor near5 laser - 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or realign\$4) - 1 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 1 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 1 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 2 (1003/07/27 14:03) 2 (2003/07/27 14:09)			resonat\$3) and mode near3 lock\$3	1	
- 102 (passive near3 resonat\$3) and ((frequency or mode) near3 laser) and passive near3 resonat\$3					
resonat\$3 resonat\$3 (passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3) - 100011 semiconductor near5 laser 100011 semiconductor near5 laser 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser 4 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser 5 "5383198" 2003/07/27 14:09 1003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:09 2003/07/27 14:10				ì	0000/07/07 40.50
- 102 (passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3) - 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198").PN. - 1 ("5383198").PN. - 1 ("5383198").PN. - 1 ((laser near3 diode) and ((frequency or mode) near3 lock\$3)) and passive near3 resonat\$3) and ((lfrequency or mode) near3 lock\$3)) and passive near3 resonat\$3) and ((lfrequency or mode) near3 lock\$3)) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$7 (2003/07/27 14:34) - 100011 semiconductor near5 laser - 100011 semiconductor near5 laser - 100011 semiconductor near5 laser - 10003/07/27 14:09 -	-	23			2003/07/27 13:56
DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGP			resonat\$3		
- 100011 semiconductor near5 laser - 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB (EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US					
100011					
EPO; JPO; DERWENT US-PGPUB; EP	-	102			2003/07/27 14:03
- 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198").PN. - 31 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$ usPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; US			lock\$3)		
- 100011 semiconductor near5 laser - 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198").PN. - 1 ("5383198").PN. - 1 ("5383198").PN. - 1 (Iaser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 1 ((Iaser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 1 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 1 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 1 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3)					
- 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 lock\$3)) and semiconductor near5 laser - 5 "5383198" - 1 ("5383198").PN. - 1 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resorats) and (mode near3 lock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resorats) and (mode near3 lock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resorats) and (mode near3 lock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resorats) and (mode near3 lock\$3)					0000107107.44.04
- 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 LSPAT; USPAT;	-	100011	semiconductor near5 laser		2003/07/27 14:04
- 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 US-PGPUB; EPO; JPO; DERWENT US-PGPUB US-PGPUB; EPO; JPO; DERWENT US-PGPUB US-PGPUB; EPO; JPO; DERWENT US-PGPUB US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DE					
- 36 ((passive near3 resonat\$3) and ((frequency or mode) near3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB EPO; JPO; DERWENT USPAT; US-PGPUB EPO; JPO; DERWENT US-PGPUB EPO; JPO; DERWENT US-PGPUB EPO; JPO; DERWENT US-PGPUB EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	ľ				
Iock\$3)) and semiconductor near5 laser	1	_			0000/07/07 / / 65
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB EPO; JPO; DERWENT USPAT; US-PGPUB EPO; JPO; DERWENT USPAT; US-PGPUB EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-	-	36			2003/07/27 14:09
- 5 "5383198" - 1 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 7	1		lock\$3)) and semiconductor near5 laser		
- 5 "5383198" - 1 ("5383198").PN. - 31 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 7 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 8 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 9 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 10 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3)					
- 1 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 tock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 tock\$3) - 7 (semiconductor near3 laser near3 diode) and (passive near3 tock\$3) - 8 (semiconductor near3 laser near3 diode) and (passive near3 tock\$3)		_			0000/07/07 : : : :
- 1 ("5383198").PN. - 31 (Iaser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((Iaser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 7 (Semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 8 (Semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 9 (Semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 10 (Semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 10 (Semiconductor near3 laser near3 diode) and (passive near3 resonat\$3)	-	5	"5383198"		2003/07/27 14:09
- 1 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 7					
- 1 ("5383198").PN. - 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$3) - 7	1				
- 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonat\$7) and (mode near3 lock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3)					
- 31 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) - 7 (laser near3 diode) and ((frequency or mode) near3 lock\$3) and USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	-	1	("5383198").PN.		2003/07/27 14:10
passive near3 resonat\$3 - 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;					
- 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	-	31			2003/07/27 14:15
- 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;			passive near3 resonat\$3		
- 19 ((laser near3 diode) and ((frequency or mode) near3 lock\$3) and passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) - 6 (semiconductor near3 laser near3 diode) and (passive near3 resonator) and (mode near3 lock\$3) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;					
passive near3 resonat\$3) and (align\$4 or misalign\$4 or realign\$4) US-PGPUB; EPO; JPO; DERWENT (semiconductor near3 laser near3 diode) and (passive near3 USPAT; US-PGPUB; resonator) and (mode near3 lock\$3) US-PGPUB; EPO; JPO;					
realign\$4) 6 (semiconductor near3 laser near3 diode) and (passive near3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	-	19			2003/07/27 14:29
6 (semiconductor near3 laser near3 diode) and (passive near3 USPAT; USPAT; US-PGPUB; EPO; JPO;					
6 (semiconductor near3 laser near3 diode) and (passive near3 USPAT; USPAT; US-PGPUB; EPO; JPO;			realign\$4)	EPO; JPO;	
resonator) and (mode near3 lock\$3) US-PGPUB; EPO; JPO;				DERWENT	
resonator) and (mode near3 lock\$3) US-PGPUB; EPO; JPO;	! -	6	(semiconductor near3 laser near3 diode) and (passive near3	USPAT;	2003/07/27 14:34
EPO; JPO;					
			· · ·	EPO; JPO;	
I DERWENT I				DERWENT	

-	1	(semiconductor near3 laser near3 diode) and (passive near3	USPAT;	2003/07/27 14:35
		resonator) and (self near3 mode near3 lock\$3)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
<u>-</u>	3	(passive near3 resonator) and (self near3 mode near3 lock\$3)	USPAT;	2003/07/27 14:36
}	-		US-PGPUB;	
	1		EPO; JPO;	
	į		DERWENT	
_	248	(self near3 mode near3 lock\$3)	USPAT:	2003/07/27 14:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
! _ !	69	((self near3 mode near3 lock\$3)) and laser near diode	USPAT;	2003/07/27 14:37
		((*************************************	US-PGPUB;	
			EPO; JPO;	
,			DERWENT	
 _	1	(((self near3 mode near3 lock\$3)) and laser near diode) and	USPAT;	2003/07/27 14:38
		perturbation and (misalign\$4 or realign\$4)	US-PGPUB;	
	•	portain barrow and (introduction for its angle of its	EPO; JPO;	
]]		DERWENT	
	23	(((self near3 mode near3 lock\$3)) and laser near diode) and	USPAT;	2003/07/27 15:28
	1	(perturbation or misalign\$4 or realign\$4)	US-PGPUB;	
	ļ	(#	EPO; JPO;	
			DERWENT	
-	15	laser near diode and (ring near cavity) and (passive\$3 near mode	USPAT;	2003/07/27 15:38
		near lock\$3)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	1	("4405236").PN.	USPAT;	2003/07/27 15:32
	1	,	US-PGPUB	
-	0	("71andmode").PN.	USPAT;	2003/07/27 15:33
			US-PGPUB	
-	0	(("4405236").PN.) and mode	USPAT;	2003/07/27 15:33
		,	US-PGPUB	
-	0	(("4405236").PN.) and lock\$3	USPAT;	2003/07/27 15:34
		, ,	US-PGPUB	
-	51	semiconductor near ring near laser	USPAT;	2003/07/27 15:34
			US-PGPUB	
-	7	(semiconductor near ring near laser) and mode near lock\$3	USPAT;	2003/07/27 15:34
1			US-PGPUB	
-	3	laser near diode and (ring near cavity) and (passive\$3 near	USPAT;	2003/07/27 15:57
		resonator)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	780	372/94.ccls.	USPAT;	2003/07/27 15:57
			US-PGPUB;	
			EPO; JPO;	
		07004	DERWENT	0000107107 47 55
-	51	372/94.ccls. and passive and mode near lock\$3	USPAT;	2003/07/27 15:58
			US-PGPUB;	
			EPO; JPO;	
		(070/04 pale and massive and m	DERWENT	2002/07/27 45 52
-	28	(372/94.ccls. and passive and mode near lock\$3) and diode	USPAT;	2003/07/27 15:58
			US-PGPUB;	
			EPO; JPO;	
	40		DERWENT	2004/10/20 10:20
-	13	passive near3 mode near3 lock\$3 and (align\$8 or misalign\$8)	USPAT;	2004/10/20 10:36
		and defect\$3	US-PGPUB;	
			EPO; JPO;	
	26	passive\$2 near3 mode near3 lock\$3 and (align\$8 or misalign\$8)	DERWENT USPAT;	2004/10/20 11:19
-	20			2004/10/20 11.19
		and defect\$3	US-PGPUB; EPO; JPO;	
	i		DERWENT	
_	97	passive\$2 near3 mode near3 lock\$3 and ring near3 laser	USPAT;	2004/10/20 11:41
	"	passivous nearo mode nearo lookus and mig nears lasel	US-PGPUB;	2007/10/20 11.41
			EPO; JPO;	
			DERWENT	
L	L	<u> </u>		L

1 laser near3 diode near3 facet\$1 same ion near3 implant\$8					
PPO, JPO, DERWENT USPAT; USPAGE PO, JPO, DERWENT USPAGE PO, JPO, DER	-	1	laser near3 diode near3 facet\$1 same ion near3 implant\$8		2004/10/20 11:42
DERWENT US-PGPUB: 19-PGPUB: 19-PGP					
Baser near3 diode near3 facet\$1 near3 defect\$1 USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; U					
Us-p-GPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWE		0	lacor poor3 diode peor3 facet\$1 peor3 defect\$1	1	2004/10/20 11:42
2 laser near3 diode near3 facet\$1 with defect\$1 SPAT; US-PGPUB; EPC, JPO; DERWENT USPAT; USPAT	-		laser riears diode riears raceupt riears defection		2004/10/20 11.42
Baser near3 diode near3 facet\$1 with defect\$1		İ		1	
2 laser near3 diode near3 facet\$1 with defect\$1 USPAT; USPGPUB; EPC, JPC; DERWENT USPAT; USPAT; USPGPUB; EPC, JPC; DERWENT USPAT; US					
11 laser near3 diode near3 facet\$1 same defect\$1 USPAT; USP	_	2	laser near3 diode near3 facet\$1 with defect\$1		2004/10/20 11:43
11 laser near3 diode near3 facet\$1 same defect\$1 EPC; JPC; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAG;		_	Tabor risars aloas risars tabota rivar asissia.		
11 laser near3 diode near3 facet\$1 same defect\$1 DERWENT US-PAGFUB: FPO; JPO; DERWENT US-PAGFUB:					
Bo					
Bo	-	11	laser near3 diode near3 facet\$1 same defect\$1		2004/10/20 14:03
80 mode near3 lock\$3 same ((misalign\$6 or tilt\$3 or adjust\$6) near3 USPAT; USPAT				US-PGPUB;	
80 mode near3 lock\$3 same ((misalign\$6 or tilt\$3 or adjust\$6) near3 USPAT; USPACPUB; EPC, UPC, DERWENT (mirror\$1 or reflect\$3 or (output near3 coupi\$3)) 2004/10/20 14:15 USPAT; USPACPUB; EPC, UPC, DERWENT USPAT; USPACPUB; EPC, UPC, DERWENT USPAT; USPACPUB; EPC, UPC, DERWENT USPACPUB; EPC, UPC, UPC, DERWENT USPACPUB; EPC, UPC, UPC, UPC, UPC, UPC, UPC, UPC, U					
(mirror\$1 or reflect\$3 or (output near3 coup\\$3)))				1	
- 7 mode near3 lock\$3 near3 ((misalign\$6 or tilt\$3 or adjust\$6) near3 (LSPGPUB; EPG: JPO: DERWENT USPAT: US	-	80		1	2004/10/20 14:15
DERWENT US-PGPUB; PO: DERWENT US-PGP	İ		(mirror\$1 or reflect\$3 or (output near3 coupl\$3)))		,
-					
(mirror\$1 or reflect\$3 or (output near3 coupl\$3)))					0004/40/00 44-50
259 passive\$2 near3 mode near3 lock\$3 not saturable near3 absor\$6 Cpassive\$2 near3 mode near3 lock\$3) not saturable near3 Cpassive\$2 near3 mode near3 lock\$3) not saturable near3 Cpassive\$2 near3 mode near3 lock\$3) not (saturable near3 Cpassive\$2 near3 lock\$3) not (saturable near3 Cpassive\$2 near3 lock\$3) not (saturable	-	/		,	2004/10/20 14:58
DERWENT US-PGPUB; EPC, JPC; DERWENT USPAT; US-PGPUB; EPC, JPC; DERWENT USPAT; US-PGPUB; EPC, JPC; DERWENT USPAT; US-PGPUB; EPC; JPC; DERWENT USPAT; US-PGPUB		İ	(mirrora i or reflectas or (output nears couplas)))		
259	1				
US-PGPUB: EPD: JPO: DERWENT USPAT: US-PGPUB: EPD: JPO: DERWENT USPAT:	_	250	nassive\$2 near3 mode near3 lock\$3 not saturable near3 absor\$6	li .	2004/10/20 14:57
- 259 (passive\$2 near3 mode near3 lock\$3) not saturable near3 absor\$6 - 259 (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)	1-	239	passiveyz nears mode nears rockys not saturable nears absorpt		2007/10/20 14.5/
259	1				
259					
absor\$6	-	259	(passive\$2 near3 mode near3 lock\$3) not saturable near3	ľ	2004/10/20 14:57
- 259 (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) - 28 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 lock\$3) not (saturable near3 absor\$6)) and (misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 33 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 16 1289 ((passive\$2) not (saturable near3 absor\$6)) - 16 1289 (passive\$2) not (saturable near3 absor\$6) - 16 1289 (passive\$2) not (saturable near3 absor\$6) - 17 16 1289 (passive\$2) not (saturable near3 absor\$6)					
- 259 (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) and ((misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 lock\$3) not (saturable near3 absor\$6)) and ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 19					
absor\$6 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;					
EPC; JPO; DERWENT USPAT; US-PGPUB; DO4/10/20 16:05 141 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (((misalign\$6 or tilt\$3 or adjust\$6) near3 ((mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 141 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((falign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 152 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((falign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 155 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((falign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 16 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 16 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 17 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 uspart) uspart; u	-	259	(passive\$2 near3 mode near3 lock\$3) not (saturable near3	USPAT;	2004/10/20 16:12
- 28 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 uS-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO				US-PGPUB;	
- 28 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 41 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ring near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 19 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 10 161289 (passive\$2) not (saturable near3 absor\$6) - 10 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 10 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6))				EPO; JPO;	
absor\$6)) and ((misalign\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 41 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ring near3 laser 41 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 42 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 43 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 44 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) not (saturable near3 absor\$6)) nor reflect\$3 or (output near3 coupl\$3))) 45 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) nor reflect\$3 or (output near3 coupl\$3))) 46 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) nor reflect\$3 or (output near3 coupl\$3))) 47 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) nor reflect\$3 or (output near3 coupl\$3))) 48 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 49 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 40 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 40 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 40 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 40 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 40 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 40 ((passive\$2 near3 mode near3 lock\$3) not (saturab					
or reflect\$3 or (output near3 coupl\$3))) 41 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ring near3 laser ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((salign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 19 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 uSPAT; uS-PGPUB; EPC; JPC; DERWENT uSPAT; uS-PGPUB; ePC; JPC; DERWENT uSPAT; uS-PGPUB; ePC; JPC; DERWENT uSPAT; uS-PGPUB; ePC; JPC; DERWENT uSPAT; uS-PGPU	-	28			2004/10/20 16:05
- 41 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ring near3 laser - 33 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) or unalign\$6) near3 (mirror\$1 USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; U				1	
- 41 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ring near3 laser - 33 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 19			or reflect\$3 or (output near3 coupl\$3)))		
absor\$6)) and ring near3 laser ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 usPAT; usPGPUB; ePO; JPO; DERWENT usPAT; usPGPUB; ePO; JPO; uspat usp		1 44	//nancingfigures and many landfigures (naturable many)		2004/40/20 46:02
- 33 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 19 372/18.ccls. - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6))	-	41			2004/10/20 16:02
- 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 or reflect\$3 or reflect\$3 or (output near3 coupl\$3))) - 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6))			ausoryoj) and ning nears laser		
- 33 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 596 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 596 372/18.ccls. - 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6))					
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reflect\$3 or (output near3 coupl\$3))) ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; US		33	absor\$6)) and ((\$align\$6 or tilt\$3 or adjust\$6) near3 (mirror\$1 or		200 1, 10/20 10:00
- 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-					
- 18 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-					
absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	-	18		USPAT;	2004/10/20 16:09
- 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO			absor\$6)) and ((\$align\$6 or tilt\$3) near3 (mirror\$1 or reflect\$3 or		
- 8 ((passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 596 372/18.ccls. 161289 (passive\$2) not (saturable near3 absor\$6) 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 2004/10/20 16:13 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	1		(output near3 coupl\$3)))		
absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6) near3 (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) - 596 372/18.ccls. 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6))					
or reflect\$3 or (output near3 coupl\$3))) - 596 372/18.ccls. 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) 2004/10/20 16:12 2004/10/20 16:20 2004/10/20 16:20 2004/10/20 16:20 2004/10/20 16:20 2004/10/20 16:12 2004/10/20 16:12	-	8			2004/10/20 16:13
- 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	ľ				
- 596 372/18.ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J			or reflect\$3 or (output near3 coupl\$3)))		
- 161289 (passive\$2) not (saturable near3 absor\$6) (passive\$2) not (saturable near3 absor\$6) 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;		500	272/19 polo		2004/40/20 40:40
- 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EP	-	596	312/10.00S.		2004/10/20 16:12
- 161289 (passive\$2) not (saturable near3 absor\$6) - 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DEPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DEPO; JPO; JPO; DEPO; JPO; JPO; DEPO; DEPO; JPO; DEPO; JPO; DEPO; JPO; DEPO; JPO; DEPO; JPO; DEPO;					
- 161289 (passive\$2) not (saturable near3 absor\$6) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAD; EPO; JPO;	1				
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DEPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB;	1 -	161289	(passive\$2) not (saturable near3 absor\$6)		2004/10/20 16:20
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; USPAT; US-PGPUB; US-PGPUB; USPAT; US-PGPUB; US-PGP		.5.205	(passive) not (satisfable floate absolute)		200-7/10/20 10.20
- 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) DERWENT USPAT; US-PGPUB; EPO; JPO;		!			
- 100 372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6)) USPAT; US-PGPUB; EPO; JPO;					
US-PGPUB; EPO; JPO;	-	100	372/18.ccls. and ((passive\$2) not (saturable near3 absor\$6))	i e	2004/10/20 16:12
EPO; JPO;					
DERWENT				EPO; JPO;	

372/18.ccls. and ([passive\$2] not (saturable near3 absor\$6) USPAT; 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:29 2004/10/20 16:2					
DERWENT USPAT:	-	7	and ((misalign\$6 or tilt\$3 or unalign\$6 or (out near3 alignment))	US-PGPUB;	2004/10/20 16:27
2004/10/20 16:26 272/18.cds. and (passive\$2) not (saturable near3 absor\$6) 28 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 laser 29 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 laser 20 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 laser 20 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 laser 20 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 cavity 372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) 372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6)) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturable near3 absor\$6) and (insaturab			with (mirror\$1 or reflect\$3 or (output near3 coupl\$3)))		
US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; US-PGPUB FDC, JPC, DERWENT USPAT; USPA	_	100	372/18 ccts, and (nassive\$2) not (saturable near3 absor\$6)		2004/10/20 16:26
Carting near3 laser Carting near3 also Carting near3 laser			O. 2. release, and (passivet), her (calculate include accorde),	US-PGPUB;	·
26 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 laser (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 cavity (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 cavity (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ing near3 cavity (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.cds. and (passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near\$2/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near\$2/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near\$2/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and 372/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and 372/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and 372/38.cds. (372/18.cds. passive\$2 near\$3 mode near\$3 lock\$3) and (p					
1					0004440400 40-04
. 26 (372/18.ccls. and (passive\$2) not (saturable near3 absor\$6)) and ring near3 laser (372/18.ccls. and (passive\$2) not (saturable near3 absor\$6)) and ring near3 cavity (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 1 8 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 2 18 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) and ring (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) and ring and 372/39.ccls. 2 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pxt or piezoelectric or (piezo adj electric)) and ring and 372/39.ccls. 2 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pxt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/3.ccls. 2 2713367 (passive\$2 near\$3 mode near\$3 lock\$3 and (pxt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/3.ccls. 2 2713367 (passive\$2 near\$3 mode near\$3 lock\$3) and (pxt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/3.ccls. 2 2713367 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/3.ccls. 3 2004/10/21 12:07 US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB. EPC, JPO. DERWENT US-PGPUB	-	26			2004/10/20 16:21
26 (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ring near3 laser (372/18.cds. and (passive\$2) not (saturable near3 absor\$6)) and ring near3 cavity (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (saturable near3 absor\$6)) and (miror\$1 or reflect\$3 or (output near3 coup\\$3))) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (miror\$1 or reflect\$3 or (output near3 coup\\$3))) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (miror\$1 or reflect\$3 or (output near3 coup\\$3))) (372/18.cds. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (miror\$1 or reflect\$3 or (output near3 coup\\$3))) (372/18.cds. and (passive\$2 near\$3 mode near\$3 lock\$3) and (pat or piezoelectric or (piezo adj electric)) and ring and 372/\$9.cds. (2713367) (2713367	-		my nears laser		
1 1 1 1 1 1 1 1 1 1					
21	-	26			2004/10/20 16:22
21 (372/18.ccls. and (passive\$2) not (saturable near3 absor\$6)) and ring near3 cavity (saturable near3 absor\$6) and ring near3 cavity (saturable near3 absor\$6) and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) and (limisalign\$6 or tilt\$3 or unalign\$6 or (out near3 alignment)) with (miror\$1 or reflect\$3 or (output near3 acoup\$3)) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((limisalign\$6 or tilt\$3 or unalign\$6 or (out near3 alignment)) with (miror\$1 or reflect\$3 or (output near3 acoup\$3)) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 acoup\$3)) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 acoup\$3)) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 acoup\$3)) (372/18.ccls. and (passive\$2 near\$3 mode near\$3 lock\$3) not (saturable near\$3 acoup\$3)) (372/18.ccls. and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3 and (passive\$2 near\$3 mode near\$3 lock\$3 and (passive\$2 near\$3 mode near\$3 lock\$3 and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3) and (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3			ring near3 laser		
21 (372/18.ccls. and (passive\$2) not (saturable near3 absor\$6)) and ring near3 cavity 2004/10/20 16:22 2004/10/20 16:22 2004/10/20 16:22 2004/10/20 16:22 2004/10/20 16:22 2004/10/20 16:22 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:29					
1		21	(372/18.ccls. and (passive\$2) not (saturable near3 absor\$6)) and		2004/10/20 16:22
2 372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:27 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:28 2004/10/20 16:29					
372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6) (misalign\$6 or tilt\$3 or unalign\$6 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$3 or tilt\$4 or tilt\$5 or ti					
(saturable near3 absor\$6) 1 (saturable near3 absor\$6) 1 (372/18.ccis. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6 or (out near3 coupl\$3)) 2 (372/18.ccis. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 3 (372/18.ccis. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) 4 (372/18.ccis. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring 5 (372/18.ccis. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring 6 (372/18.ccis. and (passive\$2 near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccis. 7 (2713367) 7 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$-ccis. 8 (2713367) 9 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$-ccis. 1 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near\$-cavity and 372/\$-ccis. 1 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near\$-cavity and 372/\$-ccis. 1 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$-ccis. 2 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$-ccis. 3 (pzt or piezoelectric or (piezo adj electric)) and ring electric) and ring electric) and ring electric) piezoelectric or (piezo adj electric) and ring electric) and ring electric		42	372/18 cds, and (nassive\$2 pear3 made pear3 lock\$3) not		2004/10/20 16:27
1 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 out)\$5(3)) and (initinating\$5 or itili\$3 or unalign\$6 or (out near3 alignment)) with (mirros*1 or reflect\$3 or (output near3 coupi\$3)) 2 40 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupi\$3)) 3 18 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupi\$3)) and fing 3 2713367 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupi\$3)) and fing 4 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. 5 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. 6 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. 7 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$0.ccls. 8 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$0.ccls. 9 2713367 passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 (pzt or piezoelectric or (piezo adj electric)) and ring near3 (pzt or piezoelectric or (piezo adj electric)) and ring near3 (pzt or piezoelectric or (piezo adj electric)) and ring or gro\$) 2004/10/21 12:57 2004/10/21 12:59 200	_	42	(saturable near3 absor\$6)		2004/10/20 10:21
1			(
(saturable near3 absor\$6)) and ((misalign\$6 or tilt\$3 or unalign\$6 or (out near3 alignment)) with (mirro\$1 or reflect\$3 or (output near3 coupl\$3))) - 40 (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirro\$1 or reflect\$3 or (output near3 coupl\$3)) - 18 ((372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or piezo adj electric)) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. - 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring (pzt or piezoelectric or (piezo adj electric)) and ring (pzt or piezoelectric or (piezo adj electric)) and ring (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoele					0004/40/00 40:00
or (out near3 alignment)) with (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 188 ((372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. 2713367 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. 147 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 158 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 179 population or (piezo adj electric)) and ring near3 (cavity or piezoelectric or (piezo adj electric)) and ring near3 (cavity or piezoelectric or (piezo adj electric)) and (ring or gyro\$) near3 (cavity or laser)) 180 passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) near3 (cavity or laser)) 290 population para para para para para para para par	-	1	(372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not		2004/10/20 16:28
near3 coupl\$3])) (372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3)) 18			or (out near3 alignment)) with (mirror\$1 or reflect\$3 or (output		
(saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))					
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18 ((372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring (1972/13367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. (1972/13367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. (1972/13367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. (1972/13367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. (1972/13367					
18 ((372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not (saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring			nears coupias))		
Saturable near3 absor\$6) and (mirror\$1 or reflect\$3 or (output near3 coupl\$3))) and ring US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	<u>-</u>	18	((372/18.ccls. and (passive\$2 near3 mode near3 lock\$3) not		2004/10/20 16:29
- 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or piezo adj electric) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. - 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near\$3 cavity and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) near\$3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) near\$3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) near\$3 (cavity or laser))			(saturable near3 absor\$6)) and (mirror\$1 or reflect\$3 or (output		
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- 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. - 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. - 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser))		27 13307			
- 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$9.ccls. 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 2004/10/21 12:07 USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT USPAT;					
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- 2713367 passive\$2 near\$3 mode near\$3 lock\$3 and (pzt or piezoelectric or (piezo adj electric)) and ring and 372/\$.ccls. - 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 280 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and (ring) (pzt or piezoelectric) (pzt or piezoelectric) (pzt or piezoelectric) (pzt or piezoelectric) (pzt or piez			or (plozo daj olobilo)) and ring and or zi polobio.		
or (piezo adj electric)) and ring and 372/\$.ccls. 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) 189 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) 189 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) 180 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser))					
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- 147 (passive\$2 near\$3 mode near\$3 lock\$3) and (pzt or piezoelectric or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls. 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring or gyro\$) (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and (ring) near3 (cavity or laser))			or (piezo adj electric)) and ring and 372/\$.ccis.		
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- 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. - 480 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and ((pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and ((pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$)) DERWENT (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3) (pzt or piezoelectric)) and ((ring) near3) (pzt or piezoelectric)	1		or (piezo adj electric)) and ring near3 cavity and 372/\$.ccls.	1	
- 16862 (passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls. 480 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) 2004/10/21 13:27 2004/10/21 12:57 2004/10/21 12:59 2004/10/21 13:36					
- 480 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser))	-	16862	(passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.	USPAT;	2004/10/21 13:27
- 480 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) 2004/10/21 12:57					
- 480 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ring - 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (pzt or piezoelectric or (piezoelectric or (piezoelec					
(pzt or piezoelectric or (piezo adj electric)) and ring US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; ero; JPO; Derwent USPAT; US-PGPUB; near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and ((ring or gyro\$) DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWEN	-	480	((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and		2004/10/21 12:57
- 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; Cavity or laser))				US-PGPUB;	
- 295 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) 2004/10/21 12:59 USPAT; US-PGPUB; US-PGPUB; US-PGPUB; EPO; JPO;					
(pzt or piezoelectric or (piezo adj electric)) and ((ring or gyro\$) near3 (cavity or laser)) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;		205	((nassive\$2 near\$3 mode near\$3 lock\$3) and 372/\$ ccls) and	1	2004/10/21 12:59
near3 (cavity or laser)) - 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;		293			200-110/21 12.09
- 289 ((passive\$2 near\$3 mode near\$3 lock\$3) and 372/\$.ccls.) and (pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 (cavity or laser)) USPAT; US-PGPUB; EPO; JPO;				EPO; JPO;	
(pzt or piezoelectric or (piezo adj electric)) and ((ring) near3 US-PGPUB; (cavity or laser))		000	//		2004/40/24 42:20
(cavity or laser))	-	289	((passive\$2 near\$3 mode near\$3 lock\$3) and 3/2/\$.ccis.) and		2004/10/21 13:36
			()		

-	275	((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3 frequnecy near3 lock\$3)) and 372/\$.ccls.	USPAT; US-PGPUB; EPO; JPO;	2004/10/21 13:29
			DERWENT	
	1	(((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT:	2004/10/21 13:48
-	·	frequnecy near3 lock\$3)) and 372/\$.ccls.) and ((pzt or	US-PGPUB;	2004/10/21 10:10
		piezoelectric or (piezo adj electric)) near3 (mirror\$1 or reflect\$4 or	EPO; JPO;	
			DERWENT	
		(outcoupl\$3 or (out near3 coupl\$3)))) and ((ring) near3 (cavity or laser))	DEKWENI	
İ _	7	(((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 13:47
-	'	frequnecy near3 lock\$3)) and 372/\$.ccls.) and ((pzt or	US-PGPUB;	2004/10/21 10:11
		piezoelectric or (piezo adj electric)) with (mirror\$1 or reflect\$4 or	EPO; JPO;	
		(outcoupl\$3 or (out near3 coupl\$3)))) and ((ring) near3 (cavity or	DERWENT	
		(outcouples or (out flears couples)))) and (fing) flears (cavity of	DEIXVENT	
	120	(((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 13:48
	120	frequnecy near3 lock\$3)) and 372/\$.ccls.) not saturable near3	US-PGPUB;	200 17 10/21 10110
		absorber	EPO; JPO;	
		absorber	DERWENT	
	27	(((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 13:57
		frequnecy near3 lock\$3)) and 372/\$.ccls.) and (pzt or	US-PGPUB;	200 11 10 21 1010
		piezoelectric or (piezo adj electric)) and ring	EPO; JPO;	
		piezociocario or (piezo adj ciecario)) and ring	DERWENT	
-	8	((((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 15:01
		frequnecy near3 lock\$3)) and 372/\$.ccls.) not saturable near3	US-PGPUB;	200 11 1012 1 1010 1
		absorber) and (pzt or piezoelectric or (piezo adj electric)) and ring	EPO; JPO;	
		about of (piezo as) crossing, and mig	DERWENT	
_	0	((((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 13:58
		frequnecy near3 lock\$3)) and 372/\$.ccls.) not saturable near3	US-PGPUB;	
		absorber) and (pzt or piezoelectric or (piezo adj electric)) near3	EPO; JPO;	
1		tilt\$3	DERWENT	
-	0	(((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 13:58
	:	frequnecy near3 lock\$3)) and 372/\$.ccls.) and (pzt or	US-PGPUB;	
	:	piezoelectric or (piezo adj electric)) near3 tilt\$3	EPO; JPO;	
			DERWENT	
-	0	(((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 13:58
į		frequnecy near3 lock\$3)) and 372/\$.ccls.) and (pzt or	US-PGPUB;	
		piezoelectric or (piezo adj electric)) with tilt\$3	EPO; JPO;	
ĺ			DERWENT	0004440404 45 00
-	8	((((passive\$2 near3 mode near3 lock\$3) or (passive\$2 near3	USPAT;	2004/10/21 15:00
•		frequnecy near3 lock\$3)) and 372/\$.ccls.) not saturable near3	US-PGPUB;	
		absorber) and (pzt or piezoelectric or (piezo adj electric)) and ring	EPO; JPO;	
			DERWENT	2004/40/24 45:29
-	44		USPAT; US-PGPUB;	2004/10/21 15:28
	•	frequnecy near3 lock\$3)) and 372/\$.ccls.) not saturable near3 absorber) and ring	EPO; JPO;	
		about of and they	DERWENT	
_	57	laser near3 diode\$1 and cavity near3 parameter\$1 and mode	USPAT:	2004/10/21 15:34
		near3 lock\$3 and mirror\$1	US-PGPUB;	250 17 15,21 15.54
		TOOLS ISSUED WITH THE TOTAL TO	EPO; JPO;	
			DERWENT	
-	20	laser near3 diode\$1 and cavity near3 parameter\$1 and	USPAT;	2004/10/21 15:37
		passive\$2 near3 mode near3 lock\$3 and mirror\$1	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	530	372/19.ccls.	USPAT;	2004/10/21 15:37
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
-	507	372/19.ccls. not (saturable near3 absorber)	USPAT;	2004/10/21 15:42
			US-PGPUB;	
			EPO; JPO;	
1	_	(07040) (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DERWENT	
-	2	(372/19.ccls. not (saturable near3 absorber)) and laser near3	USPAT;	2004/10/21 15:39
		diode\$1 and passive\$2 near3 mode near3 lock\$3 and mirror\$1	US-PGPUB;	
			EPO; JPO;	
L	L		DERWENT	

-	73	372/15.ccls.	USPAT;	2004/10/21 15:41
			US-PGPUB;	
			EPO; JPO;	
	_		DERWENT	0004/40/04 45:44
-	0	372/15.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 15:41
			US-PGPUB;	
			EPO; JPO;	
		07045	DERWENT	0004/40/04 45:40
-	3	372/15.ccls. and mode near3 lock\$3	USPAT;	2004/10/21 15:40
			US-PGPUB;	
			EPO; JPO;	
1	004	070/05!-	DERWENT	2004/10/21 15:47
-	634	372/25.ccls.	USPAT;	2004/10/21 15.47
1			US-PGPUB;	
			EPO; JPO;	
1	50	270/05 and annotation (CO annotation and annotation (CO)	DERWENT	2004/10/21 15:45
-	56	372/25.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 15:45
			US-PGPUB;	
			EPO; JPO; DERWENT	
	00	(070/05 cale and nearly of 0 man 2 made near 2 lock(\$2) not		2004/10/21 15:42
-	20	(372/25.ccls. and passive\$2 near3 mode near3 lock\$3) not	USPAT;	2004/10/21 15:42
		(saturable near3 absorber)	US-PGPUB;	
			EPO; JPO;	
1	504	272/22 22/2	DERWENT	2004/10/21 15:45
) -	521	372/23.ccls.	USPAT;	2004/10/21 15:45
			US-PGPUB; EPO; JPO;	
		270/02 cale, and page is eff2 mage2 made page2 look\$2	DERWENT	2004/10/21 15:47
-	8	372/23.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT; US-PGPUB;	2004/10/21 15.47
			EPO; JPO; DERWENT	
	225	279/20 colo		2004/10/21 15:47
-	235	372/30.ccls.	USPAT; US-PGPUB;	2004/10/21 13.47
			EPO; JPO;	
			DERWENT	
	16	372/30.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 15:50
-	10	372/30.00is. and passive \$2 field and mode field to the	US-PGPUB;	2004/10/21 15.50
	į .		EPO; JPO;	
			DERWENT	
_	5652	372/43.ccls.	USPAT;	2004/10/21 15:49
_	3032	3727-3.003.	US-PGPUB;	2001/10/21 10:10
			EPO; JPO;	
			DERWENT	
-	758	372/43.ccls. and laser near3 diode	USPAT;	2004/10/21 15:50
	,55	J. J. J. J. J. J. J. J. J. J. J. J. J. J	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	62	(372/43.ccls. and laser near3 diode) and ring	USPAT;	2004/10/21 15:50
1		,	US-PGPUB;	[
			EPO; JPO;	
			DERWENT	
-	6	(372/43.ccls. and laser near3 diode) and passive\$2 near3 mode	USPAT;	2004/10/21 15:51
	1	near3 lock\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	822	372/94.ccls.	USPAT;	2004/10/21 15:59
	}		US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	37	372/94.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 15:59
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
-	1165	372/99.ccls.	USPAT;	2004/10/21 16:01
	1		US-PGPUB;	
1			EPO; JPO;	
L	L		DERWENT	

-	32	372/99.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 16:01
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	770	372/107.ccls.	USPAT;	2004/10/21 16:19
			US-PGPUB;	
			EPO; JPO;	
	_		DERWENT	0004/40/04 40:40
-	5	372/107.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 16:19
			US-PGPUB; EPO; JPO;	
			DERWENT	
	907	372/108.ccls.	USPAT:	2004/10/21 16:19
-	907	372/100.00s.	US-PGPUB:	2004/10/21 10:10
			EPO: JPO:	
			DERWENT	
-	13	372/108.ccls. and passive\$2 near3 mode near3 lock\$3	USPAT;	2004/10/21 18:09
			US-PGPUB;	
ļ			EPO; JPO;	
			DERWENT	